

1 5. (amended) The process as claimed in claim 3, wherein the oxidation is carried out by

2 reaction with a strong acid.

a3 1 6. (amended) The process as claimed in claim 5, wherein the strong acid used is

2 selected from the group consisting of nitric acid, sulfuric acid, chromic acid, Caro's acid,

3 perchloric acid, iodic acid, and an organic peracid.

1 8. (amended) The process as claimed in claim 3, wherein the oxidation of the outer

2 wall of the multiwall nanotube is carried out at room temperature or at a temperature up to the

a4 3 boiling point of the respective reaction mixture.

1 9. (amended) A substrate on which a multiwall nanotube as claimed in claim 1 is

2 bound.

In the Claims

1 1. (amended) A multiwall nanotube having an outer wall and at least one inner wall,
2 wherein [•] only the outer wall is oxidized, and [•] the inner wall or walls [is/]are not oxidized.

1 3. (amended) A process for oxidizing only the outer wall of a multiwall nanotube,
2 which comprises
3 [•] providing a multiwall nanotube,
4 [•] subjecting the multiwall nanotube to oxidation, and
5 [•] isolating the multiwall nanotube which has been treated in this way.

1 5. (amended) The process as claimed in claim 3 [or 4], wherein the oxidation is carried
2 out by reaction with a strong acid.

1 6. (amended) The process as claimed in claim 5, wherein the strong acid used is
2 selected from the group consisting of nitric acid, sulfuric acid, chromic acid, Caro's acid,
3 perchloric acid, iodic acid, [or] and an organic peracid.

1 8. (amended) The process as claimed in [any of] claim[s] 3 [to 7], wherein the
2 oxidation of the outer wall of the multiwall nanotube is carried out at room temperature or at a
3 temperature up to the boiling point of the respective reaction mixture.

1 9. (amended) A substrate on which a multiwall nanotube as claimed in claim 1 [or 2]
2 is bound.